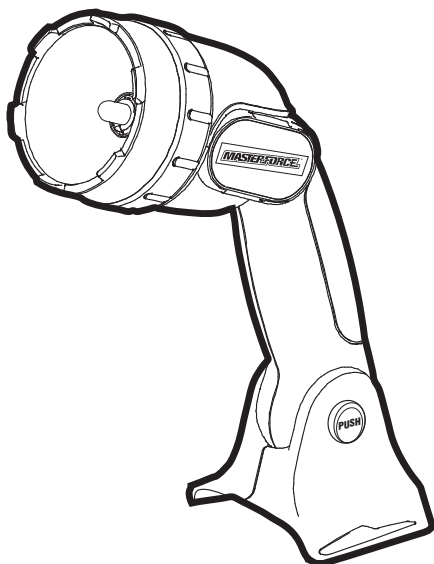


MASTERFORCE®

FLEXPOWER®

CHOOSE YOUR TOOL. CHOOSE YOUR POWER.

20 Volt Worklight



241-0423

OPERATOR'S MANUAL

⚠ CAUTION: Read, understand and follow all safety rules and instructions before using this tool. These safety instructions should be followed at all times. Failure to follow these safety instructions could result in injury to yourself or others. Also, failure to read and follow these instructions may cause damage to your equipment.




For questions / comments, technical assistance or repair parts –
Please Call Toll Free: 1-866-917-4374. (M-F 8am – 6pm EST.)

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SAFETY SYMBOLS


Some of the following symbols may be used on this tool. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the tool better and more safely.

Symbol	Name	Designation / Explanation
V	Volts	Voltage
A	Amperes	Current
Hz	Hertz	Frequency (cycles per second)
W	Watts	Power
~	Alternating current	Type of current
—	Direct current	Type or characteristic of current
n_0	No-load speed	Rotational speed at no load
	Class II construction	Double insulated construction
.../min	Per minute	Revolutions, strokes, surface speed orbits, etc., per minute
	Wear safety goggles	 WARNING: The operation of any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shields and a full-face shield when needed. We recommend a Wide Vision Safety Mask for use over eye-glasses or standard safety glasses with side shields. Always use eye protection which is marked to comply with ANSI Z87.1.

 **WARNING:** To ensure safety and reliability, all repairs should be performed by a qualified service technician.

SAFETY INSTRUCTIONS

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols and the explanations with them deserve your careful attention and understanding. The symbol warnings do not, by themselves, eliminate any danger. The instructions and warnings they give are no substitutes for proper accident prevention measures.

 **WARNING:** Be sure to read and understand all safety instructions in this manual, including all safety alert symbols such as “DANGER,” “WARNING,” and “CAUTION” before using this tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.

SYMBOL MEANING



SAFETY ALERT SYMBOL: Indicates DANGER, WARNING, OR CAUTION.
May be used in conjunction with other symbols or pictographs.



DANGER: Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.



WARNING: Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.



CAUTION: Indicates a potentially hazardous situation, which, if not avoided, could result in minor or moderate injury.


NOTICE: (Without Safety Alert Symbol) Indicates a situation that may result in property damage.

SAVE THESE INSTRUCTIONS!

SAFETY INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS


INSTRUCTIONS PERTAINING TO RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

 **WARNING:** When using electric appliances, basic precautions should always be followed, including the following:

Read all of the instructions before using the appliance.

1. To reduce the risk of injury, close supervision is necessary when an appliance is used near children.
2. Only use attachments recommended or sold by the manufacturer.
3. Do not use outdoors.
4. For a portable appliance – To reduce the risk of electric shock, do not put Flashlight and Battery Pack in water or other liquid. Do not place or store the appliance where it can fall or be pulled into a tub or sink.
5. The lens gets very hot during use. To reduce the risk of burns, do not touch the lens while it is hot. To reduce the risk of fire, keep away from combustible materials while in operation.

GENERAL SAFETY RULES

 **WARNING:** Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term power tool in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

ELECTRICAL SAFETY

1. Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce the risk of electric shock.
2. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
3. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
4. Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep the cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
5. When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
6. If operating a power tool in a damp location is unavoidable, use a ground-fault circuit interrupter (GFCI) protected supply. Use of a GFCI reduces the risk of electric shock.

BATTERY TOOL USE AND CARE

1. Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
2. Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

SAFETY INSTRUCTIONS

3. When the battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

4. Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, also seek medical help. Liquid ejected from the battery may cause irritation or burns.

5. Use only with the batteries and charger listed:

Battery pack	Charger
252-8024	252-8036 252-8037 252-8044
252-8028	
252-8030	
252-8031	
252-8032	
252-8029	
252-8033	
252-8034	

SERVICE

1. Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

SPECIFIC SAFETY RULES FOR CORDLESS WORKLIGHT

1. Do not operate the tool or charger near flammable liquids or in gaseous or explosive atmospheres. Internal sparks may ignite fumes.

2. The light lens becomes hot during use: During or immediately after use, don't lay the tool flat on the light lens surface or place the lens area onto a plastic or fabric covered surface.

- Handle the tool with care around any flammable surface.
- Do not use or permit use of the tool in bed or sleeping bags. This tool lens can melt fabric and a burn injury could result.

3. Do not let gasoline, oils, petroleum-based products, etc., come in contact with plastic parts. They contain chemicals that can damage, weaken, or destroy plastic.

4. DO NOT stare directly at the light or project the light directly into the eyes of others near by.

6. Know your worklight. Read the operator's manual carefully. Learn the applications and limitations, as well as the specific potential hazards related to this tool. Following this rule will reduce the risk of electric shock, fire or serious injury.

7. Battery tools do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. Be aware of possible hazards when not using your battery tool or when changing accessories.

Following this rule will reduce the risk of electric shock, fire or serious personal injury.

8. Do not stare directly into the worklight. Avoid direct eye contact; never project the worklight into others' eyes. Failure to do so will lead to serious personal injury.

9. Remove the battery pack from the worklight before performing any maintenance or cleaning.

10. Do not disassemble the worklight.

11. Do not place the worklight or battery pack near fire or heat. They may explode.

12. Do not operate the worklight or the charger near flammable liquids or in a gaseous or explosive environment. Internal sparks may ignite fumes.

13. To reduce the risk of electric shock, do not put the worklight, battery or charger in water or other liquid. Do not place or store the product where it can fall or be pulled into a tub or sink.

14. Do not store the worklight in a damp or wet location.

SAFETY INSTRUCTIONS


15. For best results, your battery tool should be charged in a location where the temperature is more that 32°F (0°C) but less that 104°F (40°C). Do not store outside or in vehicles.

16. Do not permit children to use the worklight; it is not a toy.


 **CAUTION:** Hot surface! Risk of burns-do not touch!

 **CAUTION:** Risk of fire-keep away from combustible materials.

SAFETY RULES FOR CHARGER

 **WARNING:** Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.

1. Before using the battery charger, read all instructions and cautionary markings in this manual and on the battery charger, the battery, and the product using the battery to prevent misuse of the products and possible injury or damage.

 **CAUTION:** To reduce the risk of electric shock or damage to the charger and battery, charge only these rechargeable batteries specifically designated on your charger's label. Other types of batteries may burst, causing personal injury or damage.

2. Do not use the charger outdoors or expose it to wet or damp conditions. Water entering the charger will increase the risk of electric shock.

3. Use of an attachment not recommended or sold by the battery-charger manufacturer may result in a risk of fire, electric shock or personal injury.

4. Do not abuse the cord or charger. Never use the cord to carry the charger. Do not pull the charger cord to disconnect the plug from a receptacle. Damage to the cord or charger could occur and create an electric shock hazard. Replace damaged cords immediately.

5. Make sure that the cord is located so that it will not be stepped on, tripped over, come in contact with sharp edges or moving parts, or otherwise subjected to damage or stress. This will reduce the risk of accidental falls, which could cause injury and damage to the cord, which could then result in electric shock.

6. Keep the cord and charger from heat to prevent damage to the housing or internal parts.

7. Do not allow gasoline, oils, petroleum-based products, etc. to come in contact with plastic parts. These materials contain chemicals that can damage, weaken, or destroy plastic.

8. An extension cord should not be used unless absolutely necessary. Use of an improper extension cord could result in a risk of fire and electric shock.

If an extension cord must be used, make sure that:

- The pins on plug of extension cord are the same number, size and shape as those of the plug on charger.
- The cord is properly wired and in good electrical condition.
- The size is large enough for AC ampere rating of charger as specified below:

The Cord Length (Feet)	25'	50'	100'
Cord Size (AWG)	16	16	16

NOTICE: AWG = American Wire Gauge

9. Do not operate the charger with a damaged cord or plug, which could cause shorting and electric shock. If damaged, have the charger repaired or replaced by a qualified service technician.

SAFETY INSTRUCTIONS

10. Do not operate the charger if it has received a sharp blow, been dropped, or has otherwise been damaged in any way. Take it to a qualified service technician for an electrical check to determine if the charger is in good working order.

11. Do not disassemble the charger. Take it to a qualified service technician when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.

12. Unplug the charger from the electrical outlet before attempting any maintenance or cleaning to reduce the risk of electric shock.

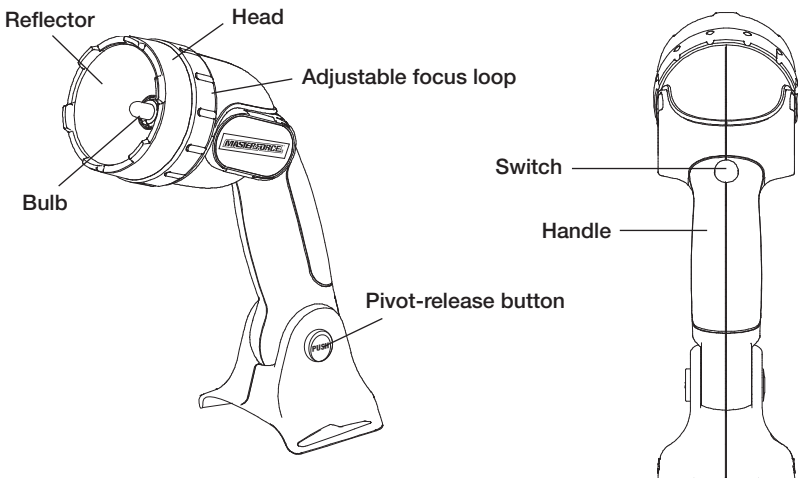
13. Disconnect the charger from the power supply when not in use. This will reduce the risk of electric shock or damage to the charger if metal items should fall into the opening. It will also help prevent damage to the charger during a power surge.

14. Risk of electric shock. Do not touch the uninsulated portion of the output connector or uninsulated battery terminal.

15. Save these instructions. Refer to them frequently and use them to instruct others who may use this tool. If you lend this tool to someone else, also lend these instructions to them to prevent misuse of the product and possible injury.

OVERVIEW

FIG. 1



WARNING: The safe use of this product requires an understanding of the information on the tool and in this operator's manual, as well as knowledge of the project you are attempting. Before use of this product, familiarize yourself with all operating features and safety rules.

- **Adjustable focus loop:** Focus the worklight by rotating the focus loop.
- **Handle pivot:** The adjustable handle pivots 130° and features 3 positive stops for maximum flexibility.
- **Head pivot:** The adjustable head pivots 90° and allows for precise positioning of the light beam.

SPECIFICATIONS

Illumination source	Incandescent lamp
Run-time	More than 2 hours
Bulb Type	Incandescent (single contact base)
Bulb power	18V DC 300mA
Pivoting head	90 degrees
Pivoting handle	130 degrees
Worklight weight (without battery)	10 oz.

ASSEMBLY

PACKING LIST

Worklight, Operator's Manual

⚠ WARNING: If any part is broken or missing, **DO NOT** attempt to attach the battery or operate the worklight until the broken or missing part is replaced. Failure to do so could result in possible serious injury.

⚠ WARNING: Do not attempt to modify this worklight or create accessories not recommended for use with this worklight. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious injury.

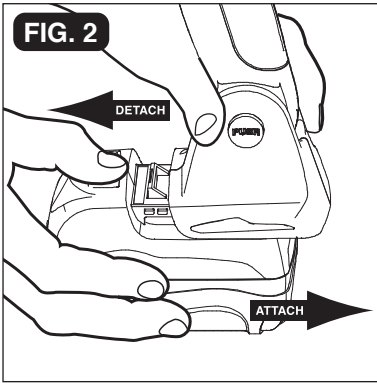
UNPACKING

This product has been shipped completely assembled.

1. Carefully remove the tool and any accessories from the box. Make sure that all items listed in the packing list are included.
2. Inspect the tool carefully to make sure that no breakage or damage occurred during shipping.
3. Do not discard the packing material until you have carefully inspected and satisfactorily operated the tool.
4. If any part is damaged or missing, please refer to the numbers listed on the back page of the operator's manual.

OPERATION

TO ATTACH BATTERY PACK (FIG. 2)

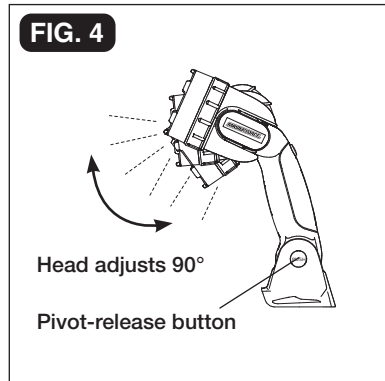
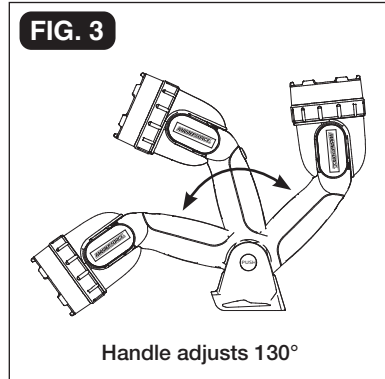


1. Align the raised portion on the battery pack with the grooves on the bottom of the worklight, and then attach the battery pack to the worklight as shown.
2. Make sure the latch on the battery pack snaps into place and the battery pack is secured to the worklight before beginning operation.

TO DETACH BATTERY PACK (FIG. 2)

1. Press the latch located on the front of the battery pack to release the battery pack.
2. Pull forward on the battery pack to remove from the worklight.

ADJUSTING THE WORKLIGHT HANDLE AND HEAD (FIGS. 3-4)



The worklight head and handle pivot independently for maximum flexibility. The handle can pivot 130° and has three positive stops. The head pivots 90°.

1. Press the pivot-release button and move the handle to any of the three positive stops. Do not force the handle beyond the 130° range.
2. Move the head by manually rotating it into any position within the 90°. Do not force the head beyond the 90° range.

MAINTENANCE

GENERAL MAINTENANCE

The tool may be cleaned most effectively with compressed dry air. Always wear safety goggles when cleaning tools with compressed air.

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, dust, oil, grease, etc.

⚠ WARNING: Do not at any time let brake fluid, gasoline, petroleum-based products, penetrating oils, etc., to come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

Only the parts shown in the parts list are intended to be repaired or replaced by the customer. All other parts should be replaced at a service center.

BATTERIES

The battery pack is equipped with Lithium-Ion rechargeable batteries. The duration of use from each charge will depend on the type of work performed.

The batteries in this tool have been designed to provide maximum trouble free life. Like all batteries, they will eventually wear out. Do not disassemble the battery pack or attempt to replace the batteries. Handling of the batteries, especially when wearing rings and jewelry could result in a serious burn.

To obtain the longest possible battery life, read and understand the operator's manual.

It is good practice to unplug the Charger/Adapter and remove the Lithium-Ion battery pack when not in use.

For Lithium-Ion battery pack storage longer than 30 days:

- Store the Lithium-Ion battery pack where the temperature is below 80°F (26°C) and free of moisture.
- Store Lithium-Ion battery packs in a 30%-50% charged condition.
- Every six months of storage, fully charge the Lithium-Ion battery pack.
- Exterior may be cleaned with a cloth or soft non-metallic brush.

BATTERY PACK REMOVAL AND PREPARATION FOR RECYCLING

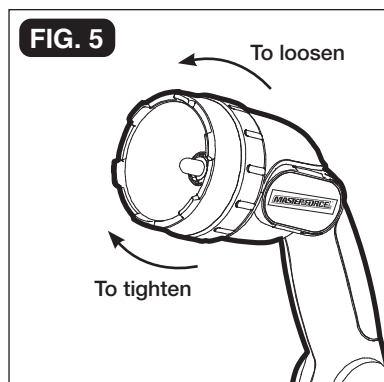
To preserve natural resources, please recycle or dispose of batteries properly. This product contains lithium-ion batteries. Local, state, or federal laws may prohibit disposal of lithium-ion batteries in ordinary trash. Consult your local waste authority for information regarding available recycling and/or disposal options.

⚠ WARNING: Upon removal of the battery pack for disposal or recycling, cover the battery pack's terminals with heavy-duty adhesive tape. Do not attempt to destroy or disassemble battery pack or remove any of its components. Lithium-Ion batteries must be recycled or disposed of properly. Also, never touch both terminals with metal objects and/or body parts as short circuit may result. Keep away from children. Failure to comply with these warnings could result in fire and/or serious injury.



MAINTENANCE

BULB REPLACEMENT (FIG. 5)



1. Remove the battery pack from the worklight.
2. Rotate the reflector counterclockwise to remove it.
3. Remove the old bulb by rotating it.
4. Insert new bulb by rotating bulb in place.
5. Align the reflector and rotate it clockwise to tighten into place.

⚠ WARNING: ONLY use recommended replacement bulbs; other bulbs may cause personal injury.

NOTICE: Use 18V bulbs rated current larger than 300mA.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
The worklight does not illuminate.	Battery is depleted.	Charge the battery.
	The bulb is broken.	Replace the bulb.

NOTES

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NOTES

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20 VOLT WORKLIGHT WARRANTY

90-DAY MONEY BACK GUARANTEE:

This MASTERFORCE® brand power tool carries our 90-DAY Money Back Guarantee. If you are not completely satisfied with your MASTERFORCE® brand power tool for any reason within ninety (90) days from the date of purchase, return the tool with your original receipt to any MENARDS® retail store, and we will provide you a refund – no questions asked.

3-YEAR LIMITED WARRANTY:

This MASTERFORCE® brand power tool carries our famous No Hassle 3-Year Limited Warranty to the original purchaser. If, during normal use, this MASTERFORCE® power tool breaks or fails due to a defect in material or workmanship within three (3) years from the date of original purchase, simply bring this tool with the original sales receipt back to your nearest MENARDS® retail store. At its discretion, MASTERFORCE® agrees to have the tool or any defective part(s) repaired or replaced with the same or similar MASTERFORCE® product or part free of charge, within the stated warranty period, when returned by the original purchaser with original sales receipt. Notwithstanding the foregoing, this limited warranty does not cover any damage that has resulted from abuse or misuse of the Merchandise. This warranty: (1) excludes expendable parts including but not limited to blades, brushes, belts, bits, light bulbs, and/or batteries; (2) shall be void if this tool is used for commercial and/or rental purposes; and (3) does not cover any losses, injuries to persons/property or costs. This warranty does give you specific legal rights and you may have other rights, which vary from state to state. Be careful, tools are dangerous if improperly used or maintained. Seller's employees are not qualified to advise you on the use of this Merchandise. Any oral representation(s) made will not be binding on seller or its employees. The rights under this limited warranty are to the original purchaser of the Merchandise and may not be transferred to any subsequent owner. This limited warranty is in lieu of all warranties, expressed or implied including warranties or merchantability and fitness for a particular purpose. Seller shall not be liable for any special, incidental, or consequential damages. The sole exclusive remedy against the seller will be for the replacement of any defects as provided herein, as long as the seller is willing or able to replace this product or is willing to refund the purchase price as provided above. For insurance purposes, seller is not allowed to demonstrate any of these power tools for you.

For questions / comments, technical assistance or repair parts – Please Call Toll Free at: 1-866-917-4374. (M-F 8am – 6pm EST)

**SAVE YOUR RECEIPTS
THIS WARRANTY IS VOID WITHOUT THEM**

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